

ABSTRACT

A vibrating device that can be applied to various purposes other than as a vibrator and that can achieve cost reduction, size reduction, and space saving by a reduction in the number of components, and a mobile phone using this vibrating device are provided.

The vibrating device 10 has a housing 14 supported by a base 12 and capable of oscillating in a vibration frequency range of a vibrator, and an expandable rod 22 that can expand and contract, one end of which is fixed to the housing, and the other end of which is a free end contacting the base 22.

The base 12 is resonated by oscillation of the housing 14 in the vibration frequency range of a vibrator, while the base 12 is vibrated by expansion and contraction of the expandable rod 22 in a sound frequency range other than the vibration frequency range of a vibrator.